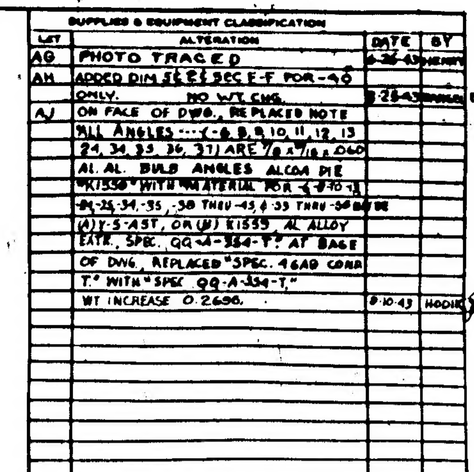


LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		
AG	PHOTO TRACED	6-26-43	HENRY
AH	ADDED DIM 5⅛ & SEC F-F FOR -40		
	ONLY. NO WT CHG.	8-25-43	
AJ	ON FACE OF DWG., REPLACED NOTE		
	"ALL ANGLES ---(-6,8,9,10,11,12,13		
	24,34,35,36,37) ARE ⅞ x 9/16 x .040		
	AL. AL. BULB ANGLES ALCOA DIE		
	"K1550" WITH "MATERIAL FOR -6,-8 TO -13		
	-24,-25,-34,-35,-38 THRU -45,& -53 THRU -56 MAY BE		
	(A) Y-5-AST, OR (B) K1559 AL ALLOY		
	EXTR., SPEC. QQ-A-354-T." AT BASE		
	OF DWG., REPLACED "SPEC. 46A8 COND		
	T." WITH "SPEC QQ-A-354-T."		
	WT INCREASE 0.2696.	8-10-43	HODIK

E.O. 823062

8 SPACES @ 1½

15 3/16

9 5/8 R

-7

TRIM OUTSTANDING LEG 45°

(-24) L.H. (-25) R.H.
FOR -0 & -50 ONLY

DASH NO.	-0	-50
	-8L	-34L
	-9R	-35R
L	20½	20⅞

FOR -0 & -50 ONLY
(-10) L.H. (-11) R.H.

(-12) L.H. (-13) R.H.
FOR -0 & -50 ONLY

BEND UP 41½° FOR -14
BEND DOWN 41½° FOR -15
BEND UP 37½° FOR -17
BEND DOWN 37½° FOR -16
BEND UP 33° FOR -46
BEND DOWN 33° FOR -47

(-14) L.H. (-15) R.H. (-16) L.H. (-17) R.H. (-46) L.H. (-47) R.H.
.051 AL ALLOY SH'T.
SPEC. 4TAIO COND. T ALLOY 24T

SECTION
12"=1'-0"

BEND UP 5° FOR -18
BEND UP 12° FOR -48
BEND DOWN 12° FOR -49

(-18) L.H. (-19) R.H. (-48) L.H. (-49) R.H.

(-38) L.H. (-39) R.H.
FOR -65, -100, & -150 ASS'Y. ONLY

SEC. F-F
(FOR -40 ONLY)

BEND DOWN 2½°
BEND UP 90° & FLANGE

(-40) L.H. (-41) R.H.
FOR -65, -100, & -150 ASS'Y ONLY

-2 REF.

TWIST -24 & 25 TO OBTAIN 8° ANGLE

(-8)(-9) -0 & -100 ASSY.
(-34)(-35) -50 ASSY.

7 R

AN442-D4

(-6) FRONT & REAR FRAMES
17½ LONG

C SHIP

VIEW D
-150 & -100 ASS'Y ONLY
IGNORE DIMS. FOR -150 ASSY

28B4210-40 (REF.)
28B4233 (REF.)

AN3-D5
AN310-D5
AN380-2-3
AN960-D5
(SEE 28F4104)

15 R

.040 AL. ALLOY SH'T.
SPEC. 4TAIO (COND. A)
H.T. SR53 (COND. T)

CUT FLANGE

BEND UP 5° FOR -26
BEND UP 12° FOR -51
BEND DOWN 12° FOR -52

(-20) L.H. (-21) R.H.
FOR -0 & -50 ONLY

ELIMINATE 2 RIVET HOLES FOR -51 & -52

04-305-D4
BRAZIER HD. ON
INSIDE OF SEAT

(-26) L.H. (-27) R.H.
(-51) L.H. (-52) R.H.

BEND DOWN 45°

SECTION B-B

7 EQ. SPACES
3 EQ. SPACES

(-30) .091 X 7 5/8 X 9 1/16
AL. ALLOY SH'T
4TAIO COND. T ALLOY 24T

(-2) .030 AL. ALLOY SH. (24A)
SPEC. 4TAIO COND. A

(-3) ¼ DIA. AL. ALLOY ROD (ALLOY 17ST) 100 LG.
SPEC. 46A4 (COND. T)

VIEW E

14 R APPROX. AT TOP OF SEAT

FOR -100 & -150 ASSYS ONLY
IGNORE DIMS FOR -150 ASSY

VIEW C-C
FOR -0 & -50 ASSYS ONLY

(-22) L.H. (-23) R.H.
FOR -0 & -50 ONLY

NOTE:
FOR -150 ASS'Y ATTACH ANGLES -38, -39, -40, -41, -53, -54, -55, -56
TO GUSSETS -46, -47, -48, -49, -51 & -52 WITH ONLY ONE RIVET EACH.

DIM.	-0	-50
B	1⅞	⅞

BEND UP 90°

A TO CORNER OF GUSSET

DIM.	-0	-50	-100
A	9⅞	11⅝	11½

LOCATING DIM. FOR SUPPORTS ARE GIVEN TO THIS CORNER OF BULB ANGLES

20R

FOR -0 & -50 ASS'Y ONLY

ALL ANGLES: (-28) L.H. (-29) R.H.

MATERIAL FOR -6, -8, -9, -10, -11, -12, -13, -24, -25, -34, -35, -38, -39, -40, -41, -42, -43, -44, -45, -53, -54, -55, -56 MAY BE
(AJ) (A) Y-5 AST OR
(B) K1559. AL ALLOY EXTR., SPEC QQ-A-354-T.

ALL GUSSETS -4, 5, 7, 18, 19, 20, 21, 22, 23, 26, 27, 28 & 29 ARE .040 AL. AL. SHEET
GUSSETS -14, -15, -16 -17 ARE .051 AL. AL. SHT.

DRILL 1/16 PILOT HOLE BEFORE ASSEM.

FINISH RIVETED ASSEMS. Z-P
ASSEMBLY - ZGP.

GOVT. FURN. EQUIP.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE
GP	GREEN PRIMER

15⅞ (REF.)

AN442-D4

12 7/16 (REF.)

28F5745-7 (REF.)

AN442-D4

SEE VIEW D

SPACES @ 1½-15°

(-32) .030 AL. ALLOY SH. (24A)
SPEC. 4TAIO COND. A

BUTT HERE ONE SIDE ONLY

17¼ SPH. RAD.

AN442-D4 FOR -30

CUT 2 SLOTS ¼ X 5/16 IN -3 TO MATCH -30

AN442-D4

34G1646 TYPE B-11
SAFETY BELT (1)
AN24-14 (2)
AN320-4 (2)
AN380-2-2 (2)
AN960-416 (4)
¼ DIA. 2 HOLES TO MATCH
HOLE IN 28F5745-7

28F5745-7 (2)
AN442-D4

88° REF.

B.F. 4.5 (REF.)

AN 442-D4

SECTION A-A
SCALE 12"=1'-0"

(-4) ¾ X 5 5/16 AL. ALLOY STRIP
BEND AROUND CORNER
AS SHOWN 1/16 R

AN423-8A

(-5) ¾ X 3 5/16 AL. ALLOY STRIP
BEND AROUND CORNER
& ATTACH WITH SCREW
USE SAME DIMS. AS ON
-4 FOR BEND & SCREW LOCATION

AN423-7

DRILL #10 (.193)
AN23-9A
AC372-1032
AN960-10

WT. FOR -60 10.10
WT. FOR -65 10.3696

DRILL #10 (.193)
AN23-9A
AC372-1032
AN960-10

(AJ)
ALL AL ALLOY SHEET SPEC. 4TAIO (COND T) ALLOY 24T EXCEPT AS NOTED
ALL AL ALLOY EXTRUSIONS SPEC. QQ-A-354-T. ALLOY 24T EXCEPT AS NOTED
H.T. ALL COND. A MATERIAL AS PER SPEC. SR-53
RIVETS AL. ALLOY EXCEPT AS NOTED

ADD RIVET HOLE FOR -150 ASSY ONLY

ELIMINATE 3 RIVET HOLES FOR -55 & -56

(-44) L.H. (-45) R.H.
FOR -100 ASSY. ONLY

(-55) L.H. (-56) R.H.
FOR -65 & -150 ASSY. ONLY

ELIMINATE 3 RIVET HOLES FOR -53 & -54
(-42) L.H. (-43) R.H.
FOR -100 ASSY. ONLY

CUT OFF SQUARE FOR -53 & -54
(-53) L.H. (-54) R.H. FOR -65 & -150 ASS'Y ONLY

PBY-2 SHIPS 0477 & ON
PBY-2 SHIPS 0454-0476 INCL.
SAME D.M. AS PBY-1

SEE RELEASE SHEET

D.M.	MODEL	NEXT ASSY	REQ
-65	PBY-5A	28F5984	1
-60	PBY-5	28F134	1
-50	PBY-5B	28F134	1
-150	PBY-5A	28F5984	1
-10	PBY-5	28F134	1
-100	XPBY-5A	28F4102	
-80	PBY-4	28F134	
-80	PBY-3	28F134	
-50	PBY-2	28F134	
	PBY-2	28F134	
	PBY-1	28F134	
	XP3Y-1	28F134	

MCR 2557 ON

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
± 1/32

[redacted]

XCD 6-5-37 APPROVED DATE
6.62 CALC. WT.
SCALE 6"=1'-0"
NAVY NOTED — MATERIAL
NOTED — SPEC.
NOTED — HEAT TREAT
NOTED — FINISH

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

NAME: MECHANIC'S SEAT-FURNISH.-

J 28F133

28F133 R

H 267